

LISTING OF THE CLAIMS:

1. (Currently Amended) A method, comprised of enhancing a computational service to each client of a plurality of clients, by:

moving a selected portion of a computation from a server into a trusted co-server executing inside a secure coprocessor;

allowing each client to interact with the server and the co-server; and

using the trusted co-server as a trusted third party to authenticate interactions between the client and the server; and

wherein the moving step includes the steps of

i) installing a device private/public key pair on the co-server,